

04/29/99  
15583 U.S. PTO

**NEW UTILITY PATENT APPLICATION  
TRANSMITTAL**

DOCKET NO.  
26046/04000

TOTAL PAGES IN THIS SUBMISSION  
**50**

15542 U.S. PTO  
09/302195

04/29/99

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**

Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 USC 11(a) and 37 CFR 1.53(b) is a new utility patent application for an invention entitled:

**SURFACTANTS THAT MIMIC THE GLYCOCALYX**

and invented by:

Roger E. Marchant, Tianhong Zhang, Yongxing Qui, Mark A. Ruegsegger

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation

☐ Divisional

☐ Continuation -in -part (CIP)

in prior application No.: \_\_\_\_\_

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 29 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure
3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
  - a. ☐ Formal
  - b. ☒ InformalNumber of Sheets 5
4. ☒ Oath or Declaration
  - a. ☒ Newly executed (original or copy) ☐ Unexecuted
  - b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
  - c. ☒ With Power of Attorney ☐ Without Power of Attorney

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Application Elements (Continued)

5. ☐ Incorporation by Reference (*usable if Box 4b is checked*)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Computer Program in Microfiche (*Appendix*)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all must be included*)
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy (*identical to computer copy*)
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☐ Assignment Papers (*cover sheet & document(s)*)
9. ☐ 37 CFR 3.73(B) Statement (*when there is an assignee*)
10. ☐ English Translation Document (*if applicable*)
11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard
14. ☒ Certificate of Mailing  
☐ First Class ☒ Express Mail (*Specify Label No.:* EL085319353US)
15. ☐ Small Entity Statement(s)  
☐ Statement filed in prior application; Status still proper and desired.
16. ☒ Additional Enclosures (*please identify below*):

Added Page for Application Transmittal Where Benefit of Prior U.S. Application(s)  
Claimed

Practitioner's Docket No. 26046/04000**PATENT****ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF  
PRIOR U.S. APPLICATION(S) CLAIMED***Note: See 37 CFR 1.78.***17. Relate Back**

**Warning:** *If an application claims the benefit of the filing date of an earlier application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b). For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195 at 20,205.*

*(complete the following, if applicable)*

- ☒ Amend the specification by inserting, before the first line, the following sentence:

**A. 35 U.S.C. 119(e)**

**Note:** *"Any nonprovisional application claiming the benefit of one or more prior filed copending provisional applications must contain or be amended to contain the first sentence of the specification following the title a reference to each such prior provisional application, identifying it as a provisional application and including the provisional application number (consisting of series code and serial number)." 37 C.F.R. § 1.78(a)(4).*

- ☒ "This application claims the benefit of U.S. Provisional Application(s) No(s).:

**APPLICATION NO(S):****FILING DATE**

60 / 083,544  
 \_\_\_\_\_ / \_\_\_\_\_  
 \_\_\_\_\_ / \_\_\_\_\_

April 29, 1998 "  
 \_\_\_\_\_ "  
 \_\_\_\_\_ "

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**FEE CALCULATION AND TRANSMITTAL**

**CLAIMS AS FILED**

1) For	2) Number Filed	3) Number Extra	Rate	Additional Fee
TOTAL CLAIMS (37 CFR 1.16(c))	20 - 20 =	0	x \$ 18.00	\$ .00
INDEPENDENT CLAIMS (37 CFR 1.16(c))	5 - 3 =	2	x \$ 78.00	\$ 156.00
First Pres. of Multiple Dep. Claims		= 0		
Terminal Disclaimer		= 0		
			Basic Filing Fee	\$ 760.00
			<b>TOTAL</b>	<b>\$ 916.00</b>



A check in the amount of \$916.00 to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge and credit Deposit Account No. 03-0172  
as described below. A duplicate copy of this sheet is enclosed.



Charge the amount of \_\_\_\_\_ as filing fee.



Credit any overpayment or any deficiency.

Respectfully submitted,

Date:

April 29, 1999

By:

Pamela A. Docherty  
Pamela A. Docherty, Reg. No. 40,591  
Calfee, Halter & Griswold LLP  
1400 McDonald Investment Center  
800 Superior Avenue  
Cleveland, Ohio 44114  
(216)622 - 8416

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Date of Deposit: APRIL 29, 1999

I hereby certify that this paper or fee is being deposited  
with the United States Postal Service "First-Class Mail Post  
Office to Addressee" service under 39 U.S.C. 1103 on the  
date indicated above and is addressed to the Assistant  
Commissioner for Patents, Washington, D.C. 20231.

KURT FEUERSTEIN

Name of Person Signing (Type or Print)

Signed:

K. J. Feuerstein